

Title (en)

INORGANIC COMPOSITE OXIDE MATERIAL AND USE IN EXHAUST GAS PURIFICATION CATALYSTS

Title (de)

ANORGANISCHES ZUSAMMENGESETZTES OXIDMATERIAL UND VERWENDUNG IN ABGASREINIGUNGSKATALYSATOREN

Title (fr)

MATÉRIAU D'OXYDE COMPOSITE INORGANIQUE ET SON UTILISATION DANS CATALYSEURS DE PURIFICATION DE GAZ D'ÉCHAPPEMENT

Publication

EP 3838402 A3 20210908 (EN)

Application

EP 20184546 A 20141223

Priority

- US 201361920172 P 20131223
- EP 14875698 A 20141223
- US 2014072129 W 20141223

Abstract (en)

The present teachings are directed to inorganic oxide materials that include Al_2O_3 , CeO_2 , and at least one of MgO and Pr_6O_{11} . The present teachings are also directed to catalysts having at least one noble metal supported on these inorganic oxide materials, as well as methods for treating exhaust gases from internal combustion engines using such catalysts.

IPC 8 full level

B01J 23/10 (2006.01); **B01D 53/94** (2006.01); **B01J 23/63** (2006.01); **B01J 35/10** (2006.01); **C01F 7/14** (2022.01); **B01J 37/08** (2006.01)

CPC (source: EP KR RU US)

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C-Set (source: EP US)

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